Best Available Copy

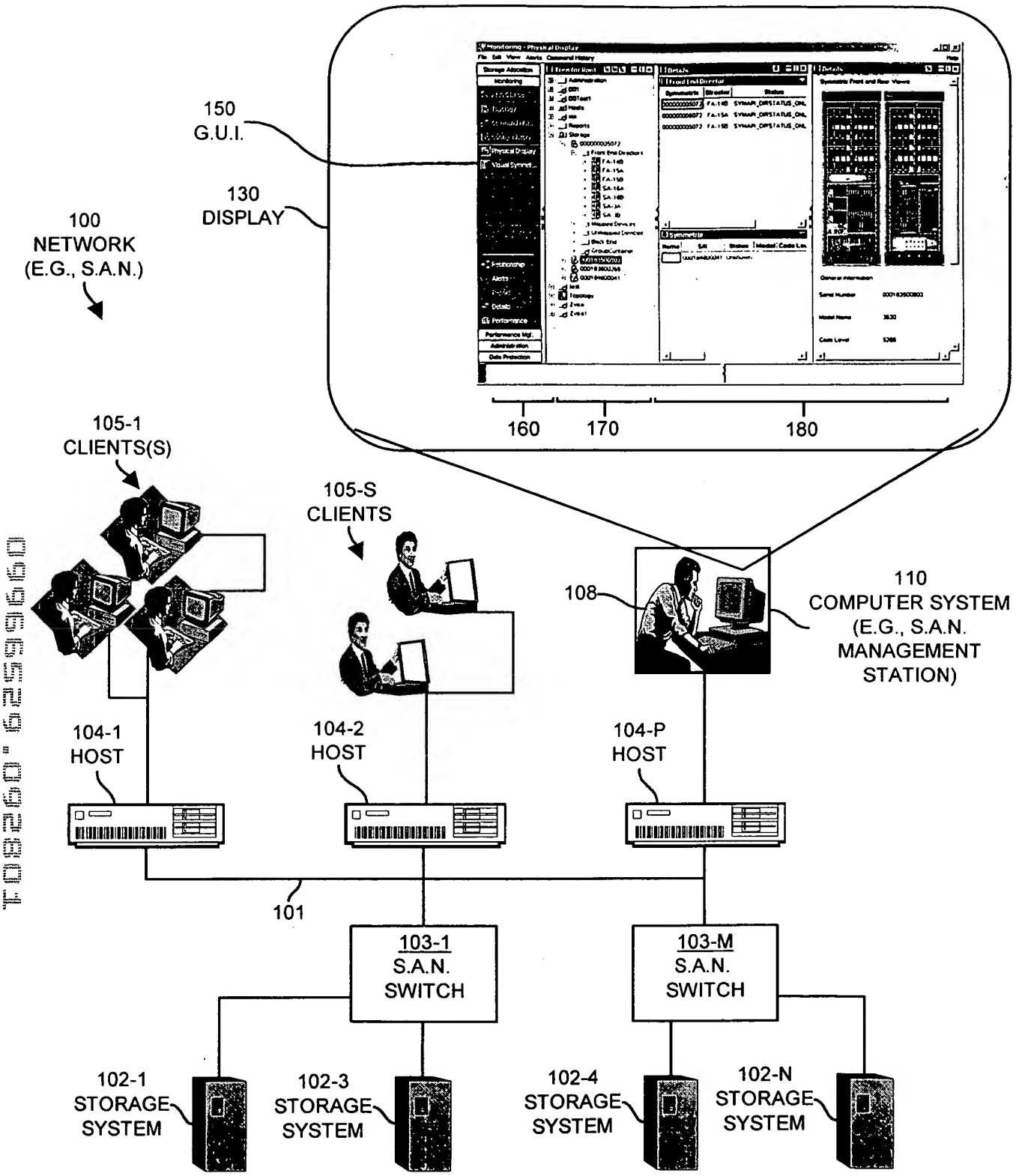

FIG. 1

Best Available Copy

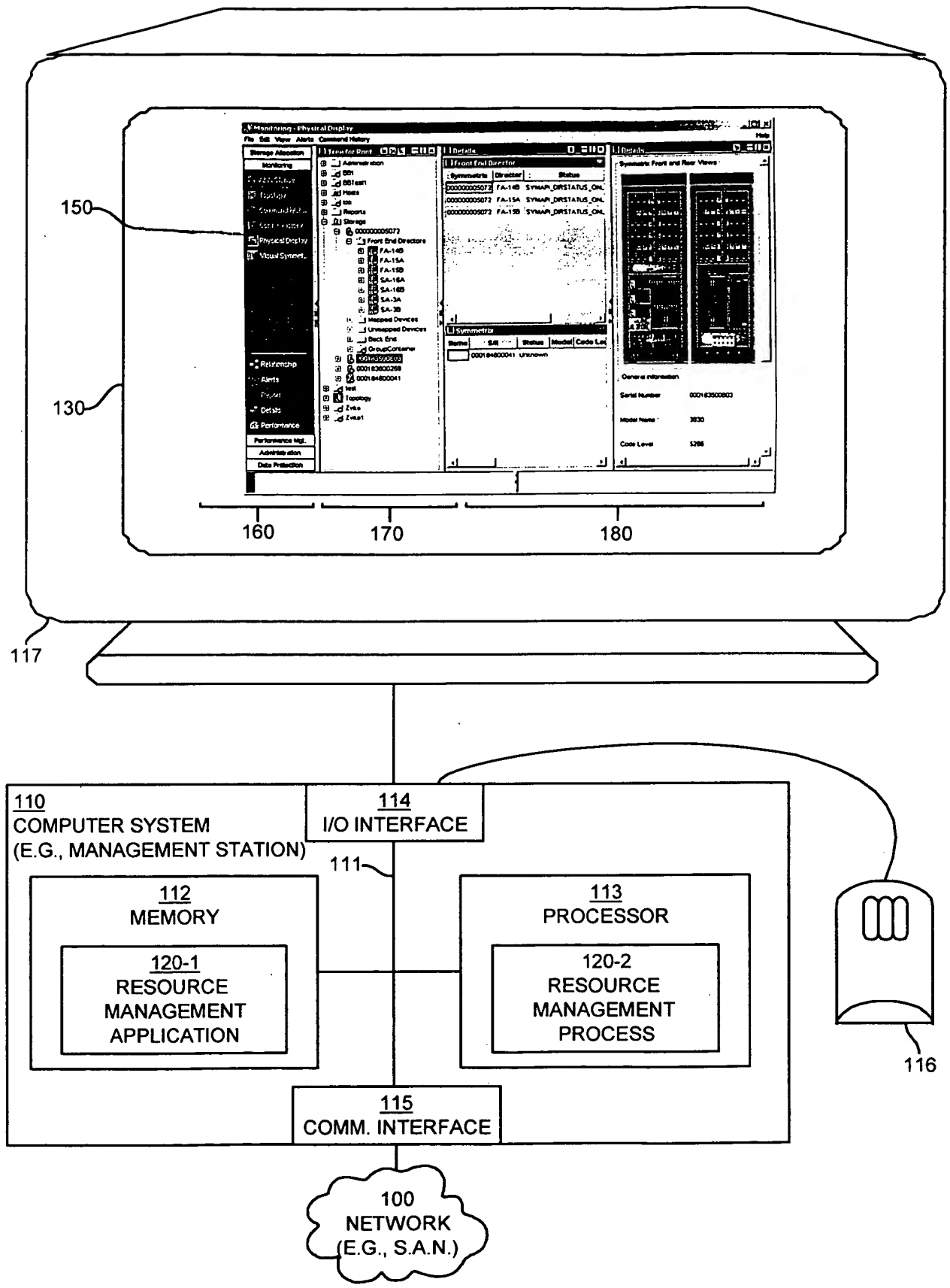

FIG. 2

T08260"62599660

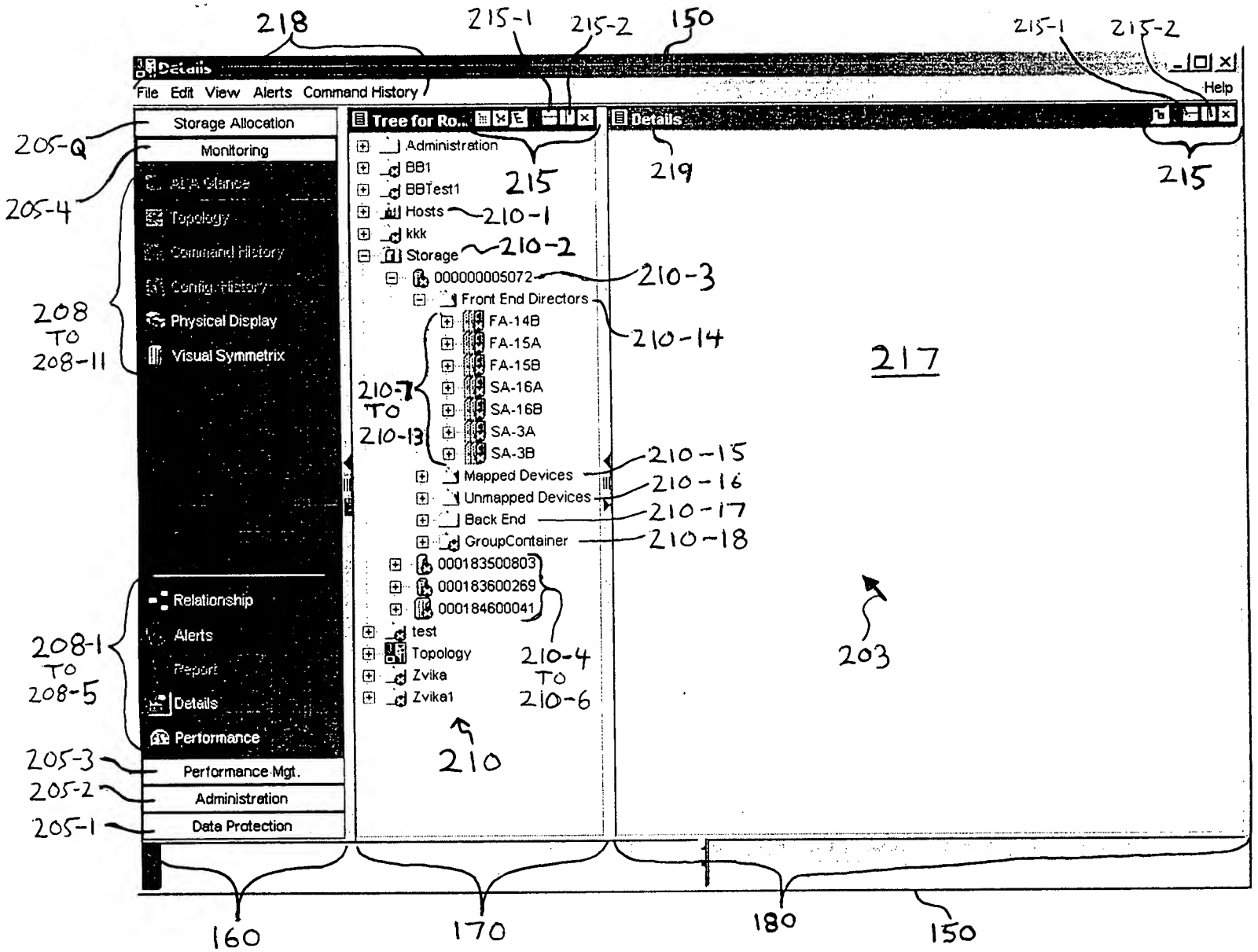

FIG. 3

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09/965,529 - 092801

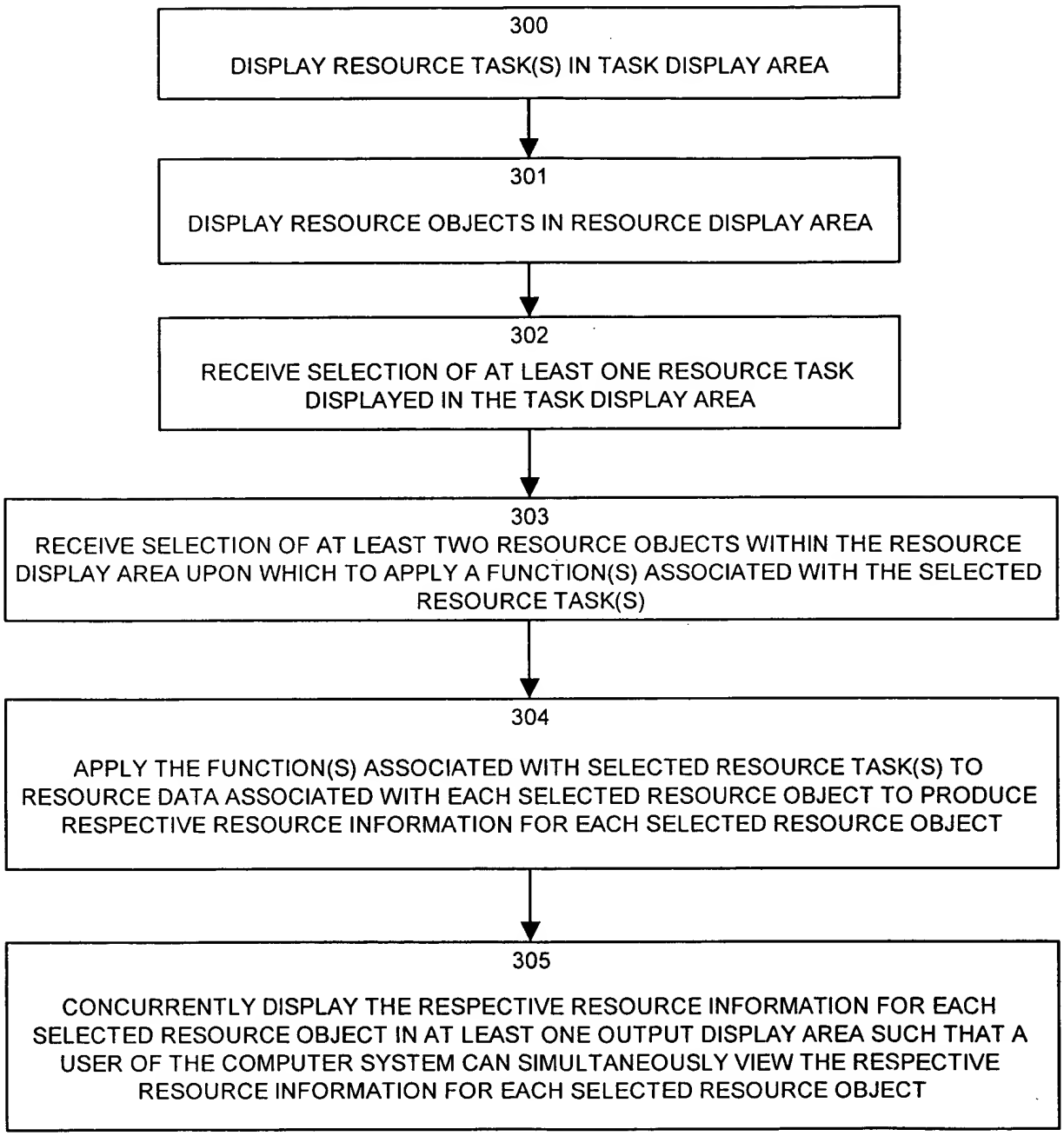

FIG. 4

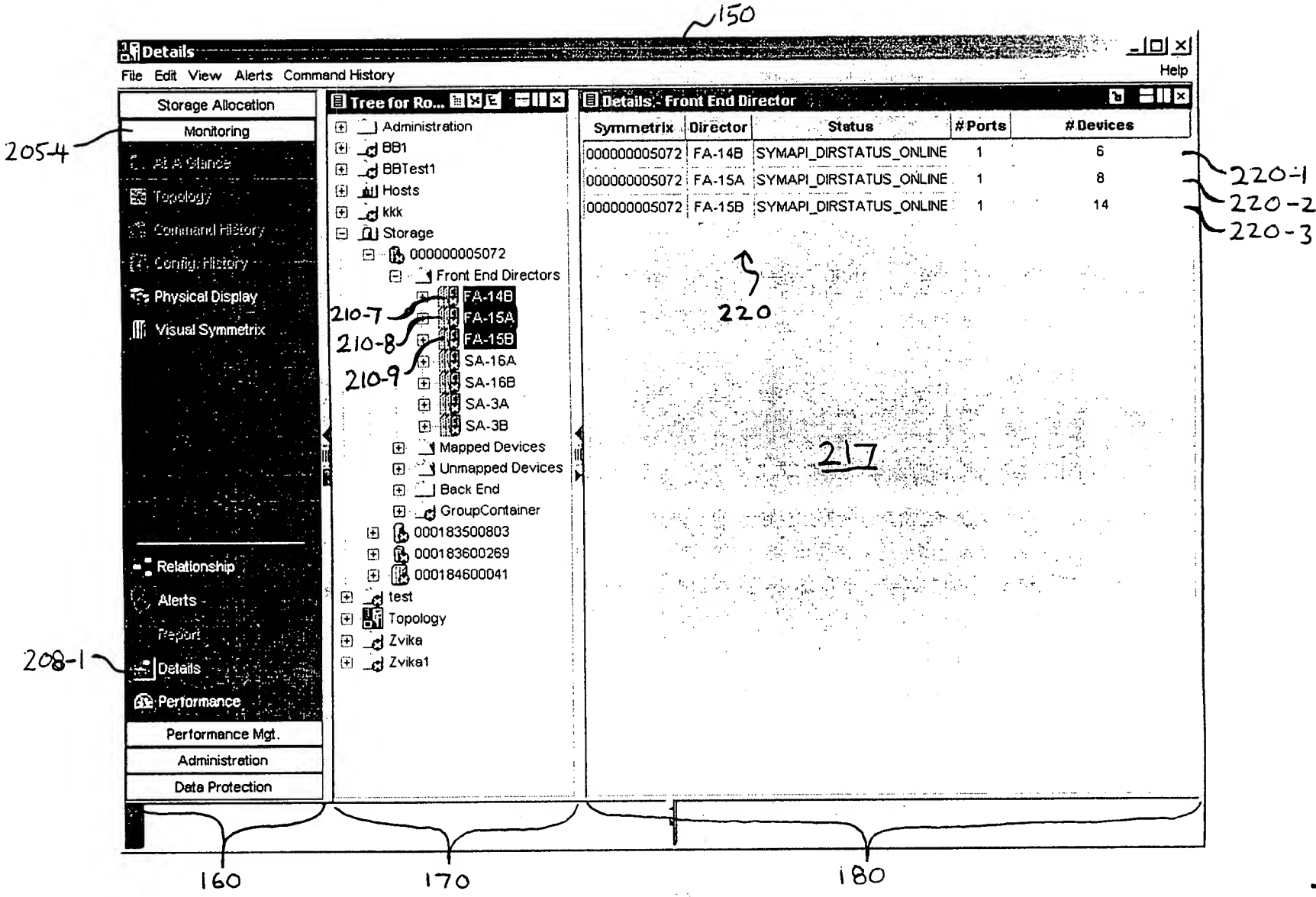

FIG. 5

Best Available Copy

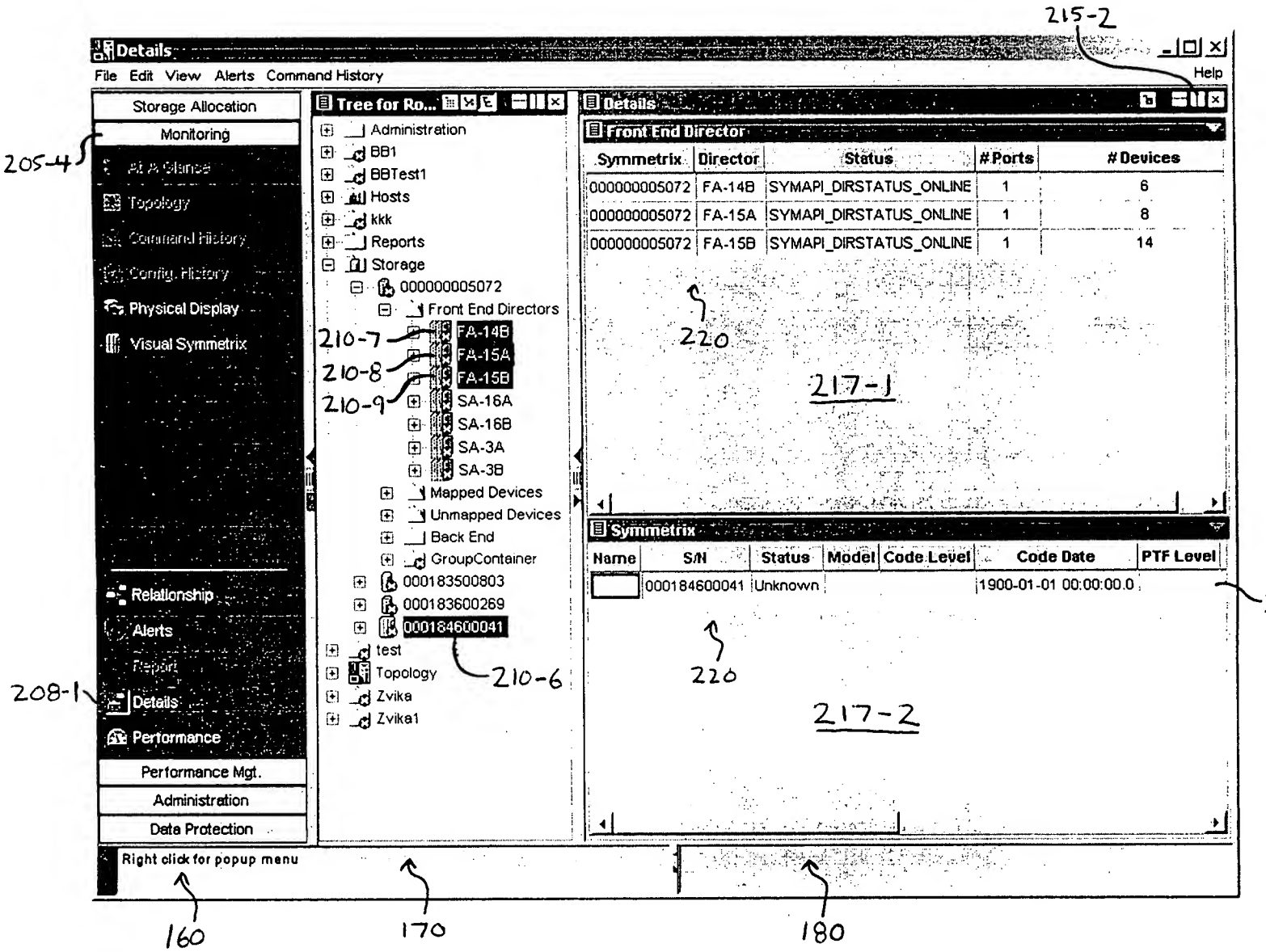

FIG. 6

Best Available Copy

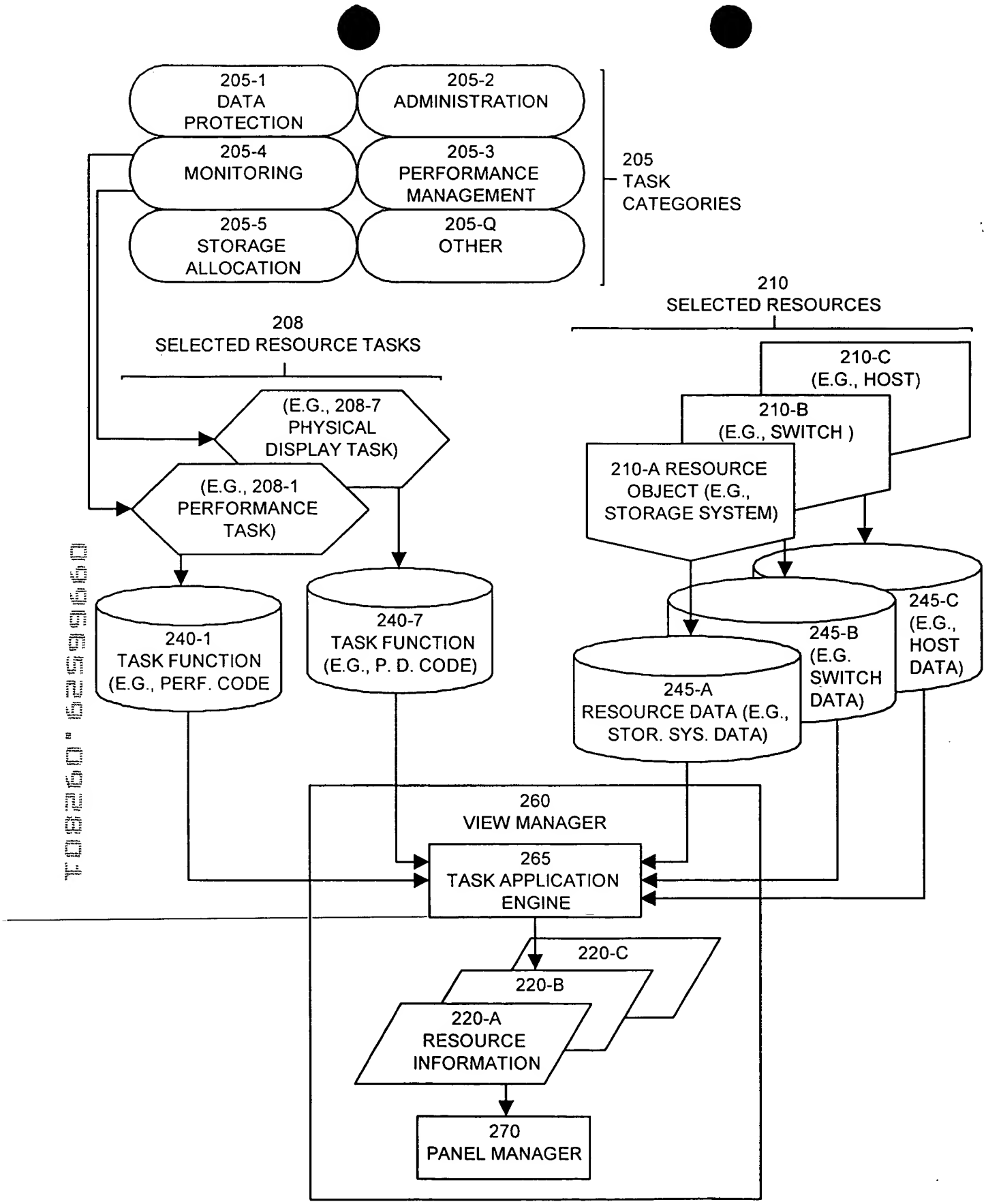
205-1
DATA
PROTECTION
205-2
ADMINISTRATION
205-4
MONITORING
205-3
PERFORMANCE
MANAGEMENT
205-5
STORAGE
ALLOCATION
205-Q
OTHER
205
TASK
CATEGORIES
210
SELECTED RESOURCES
208
SELECTED RESOURCE TASKS
210-C
(E.G., HOST)
210-B
(E.G., SWITCH)
(E.G., 208-7
PHYSICAL
DISPLAY TASK)
210-A RESOURCE
OBJECT (E.G.,
STORAGE SYSTEM)
(E.G., 208-1
PERFORMANCE
TASK)
240-1
TASK FUNCTION
(E.G., PERF. CODE
240-7
TASK FUNCTION
(E.G., P. D. CODE)
245-C
(E.G.,
HOST
DATA)
245-B
(E.G.
SWITCH
DATA)
245-A
RESOURCE DATA (E.G.,
STOR. SYS. DATA)
260
VIEW MANAGER
265
TASK APPLICATION
ENGINE
220-C
220-B
220-A
RESOURCE
INFORMATION
270
PANEL MANAGER

FIG. 7

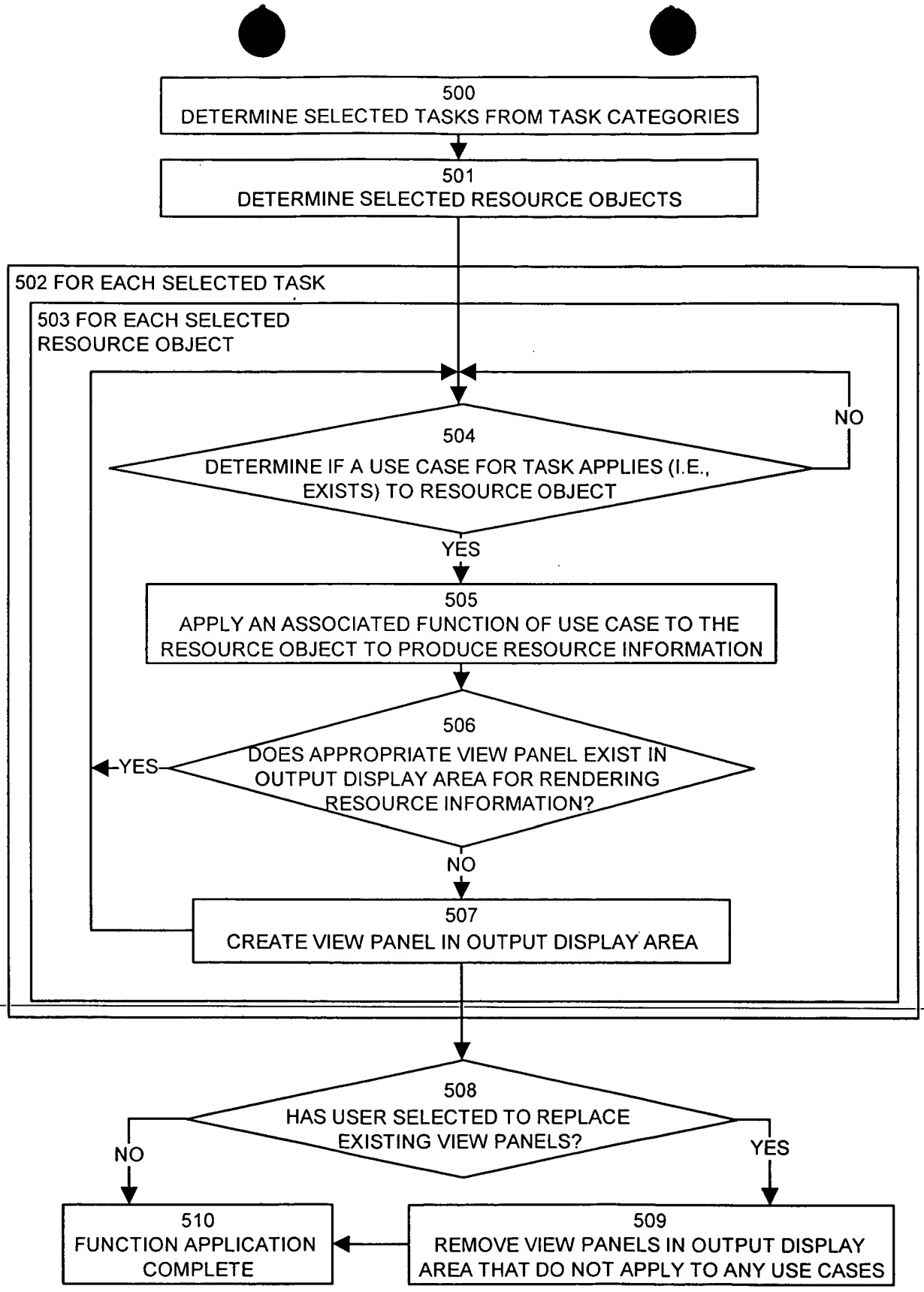
500
DETERMINE SELECTED TASKS FROM TASK CATEGORIES
501
DETERMINE SELECTED RESOURCE OBJECTS
502 FOR EACH SELECTED TASK
503 FOR EACH SELECTED RESOURCE OBJECT
504
DETERMINE IF A USE CASE FOR TASK APPLIES (I.E., EXISTS) TO RESOURCE OBJECT
NO
YES
505
APPLY AN ASSOCIATED FUNCTION OF USE CASE TO THE RESOURCE OBJECT TO PRODUCE RESOURCE INFORMATION
506
DOES APPROPRIATE VIEW PANEL EXIST IN OUTPUT DISPLAY AREA FOR RENDERING RESOURCE INFORMATION?
YES
NO
507
CREATE VIEW PANEL IN OUTPUT DISPLAY AREA
508
HAS USER SELECTED TO REPLACE EXISTING VIEW PANELS?
NO
YES
510
FUNCTION APPLICATION COMPLETE
509
REMOVE VIEW PANELS IN OUTPUT DISPLAY AREA THAT DO NOT APPLY TO ANY USE CASES

FIG. 8

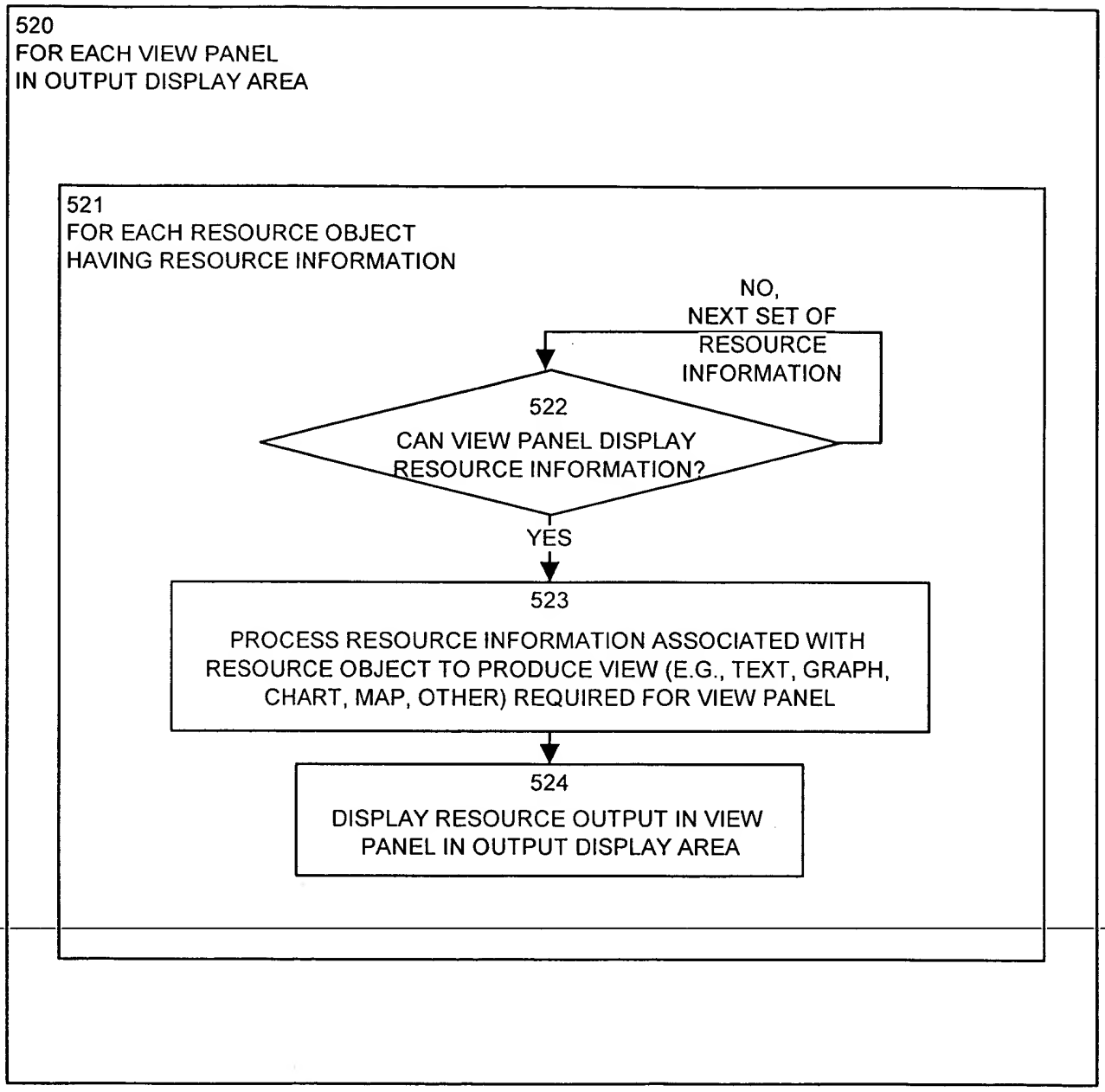
520
FOR EACH VIEW PANEL
IN OUTPUT DISPLAY AREA
521
FOR EACH RESOURCE OBJECT
HAVING RESOURCE INFORMATION
NO,
NEXT SET OF
RESOURCE
INFORMATION
522
CAN VIEW PANEL DISPLAY
RESOURCE INFORMATION?
YES
523
PROCESS RESOURCE INFORMATION ASSOCIATED WITH
RESOURCE OBJECT TO PRODUCE VIEW (E.G., TEXT, GRAPH,
CHART, MAP, OTHER) REQUIRED FOR VIEW PANEL
524
DISPLAY RESOURCE OUTPUT IN VIEW
PANEL IN OUTPUT DISPLAY AREA

FIG. 9

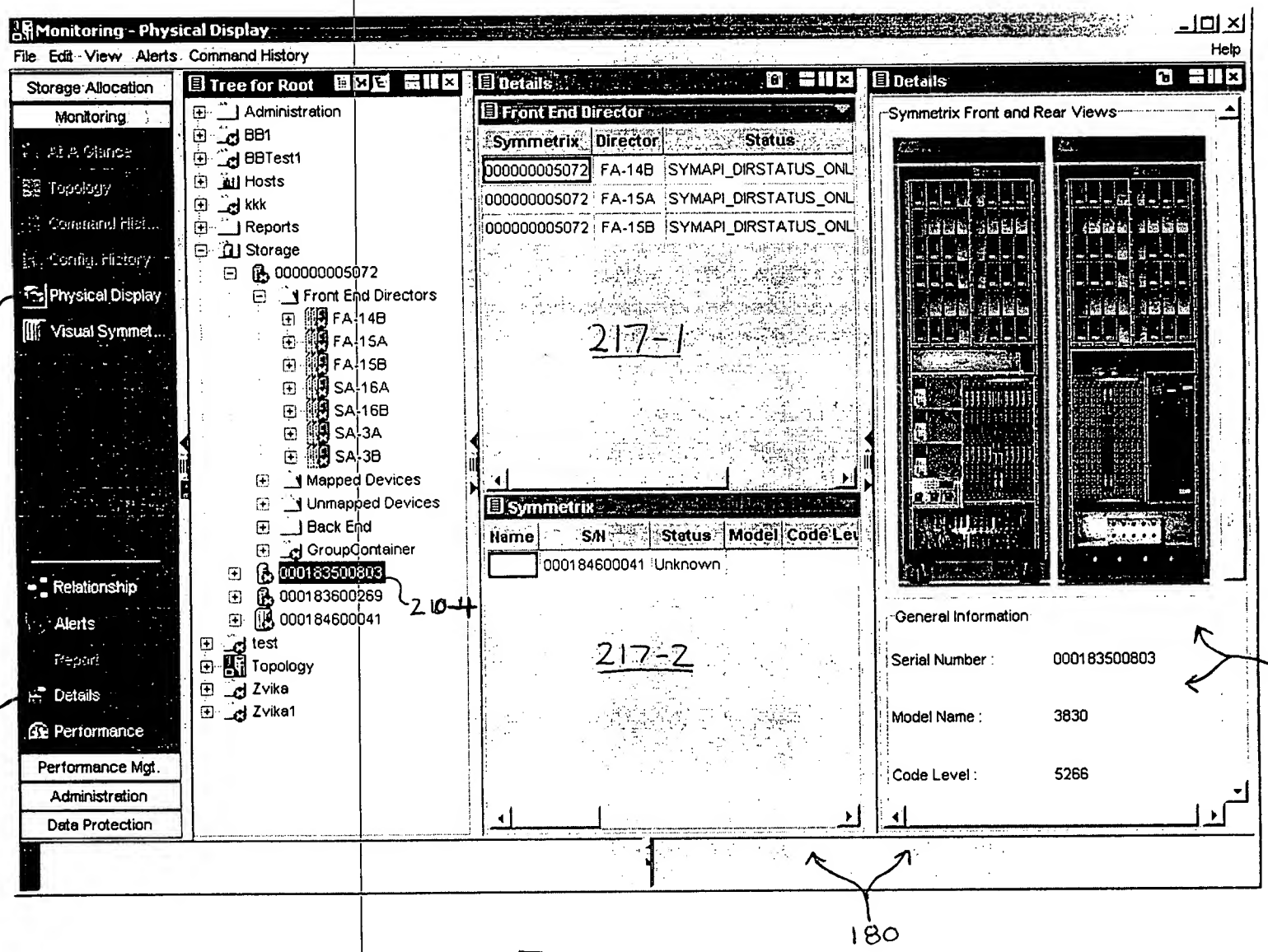

FIG. 10

Best Available Copy

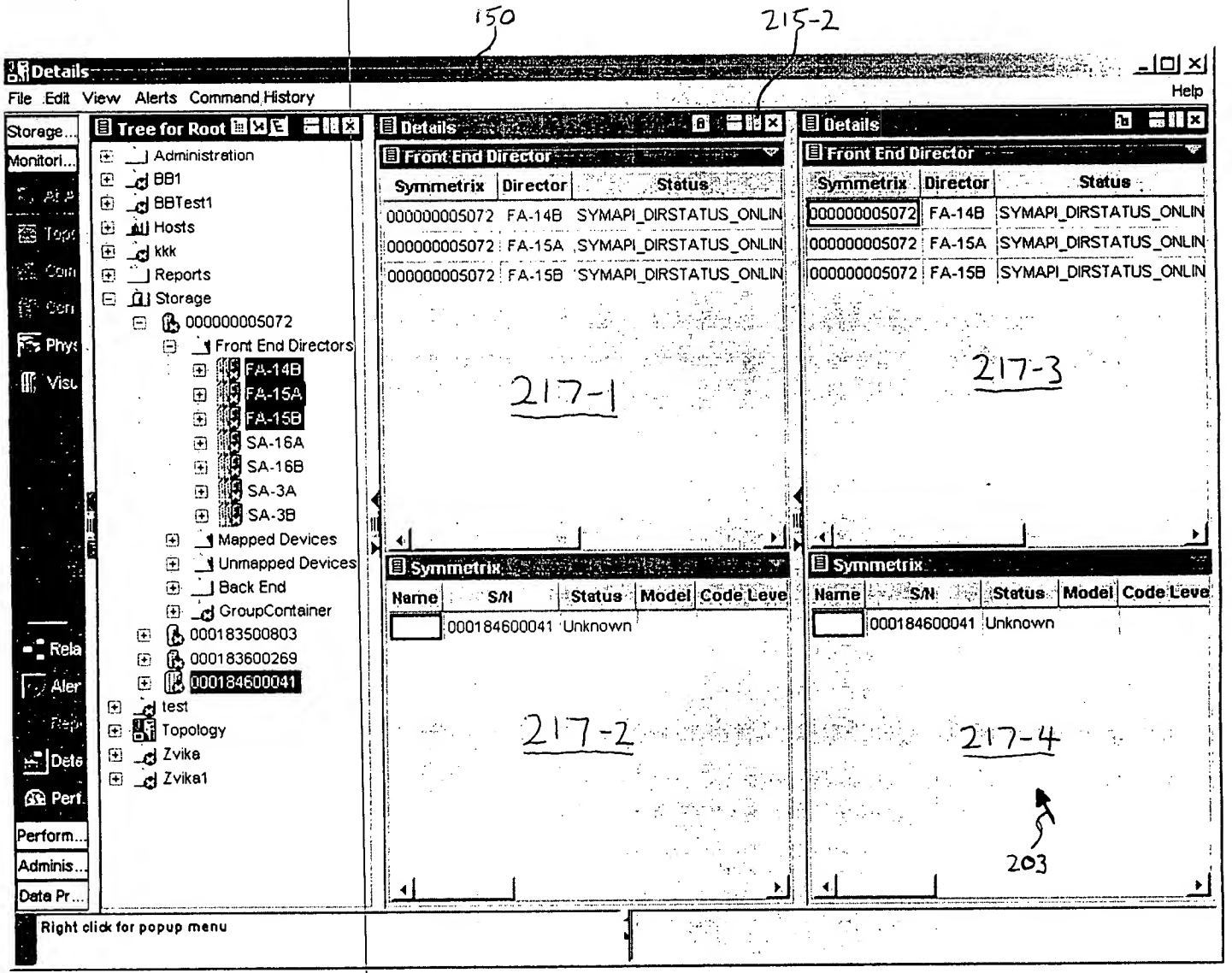
150
215-2
Details
File Edit View Alerts Command History
Help
Storage...
Monitori...
Topo
Com
Con
Phys
Visu
Rela
Aler
Repo
Dete
Perf
Perform...
Adminis...
Data Pr...
Tree for Root
Administration
BB1
BBTest1
Hosts
kkk
Reports
Storage
000000005072
Front End Directors
FA-14B
FA-15A
FA-15B
SA-16A
SA-16B
SA-3A
SA-3B
Mapped Devices
Unmapped Devices
Back End
GroupContainer
000183500803
000183600269
000184600041
test
Topology
Zvika
Zvika1
Details
Front End Director
Symmetrix Director Status
000000005072 FA-14B SYMAPI_DIRSTATUS_ONLIN
000000005072 FA-15A SYMAPI_DIRSTATUS_ONLIN
000000005072 FA-15B SYMAPI_DIRSTATUS_ONLIN
217-1
Symmetrix
Name S/N Status Model Code Leve
000184600041 Unknown
217-2
Details
Front End Director
Symmetrix Director Status
000000005072 FA-14B SYMAPI_DIRSTATUS_ONLIN
000000005072 FA-15A SYMAPI_DIRSTATUS_ONLIN
000000005072 FA-15B SYMAPI_DIRSTATUS_ONLIN
217-3
Symmetrix
Name S/N Status Model Code Leve
000184600041 Unknown
217-4
203
Right click for popup menu

FIG. 11

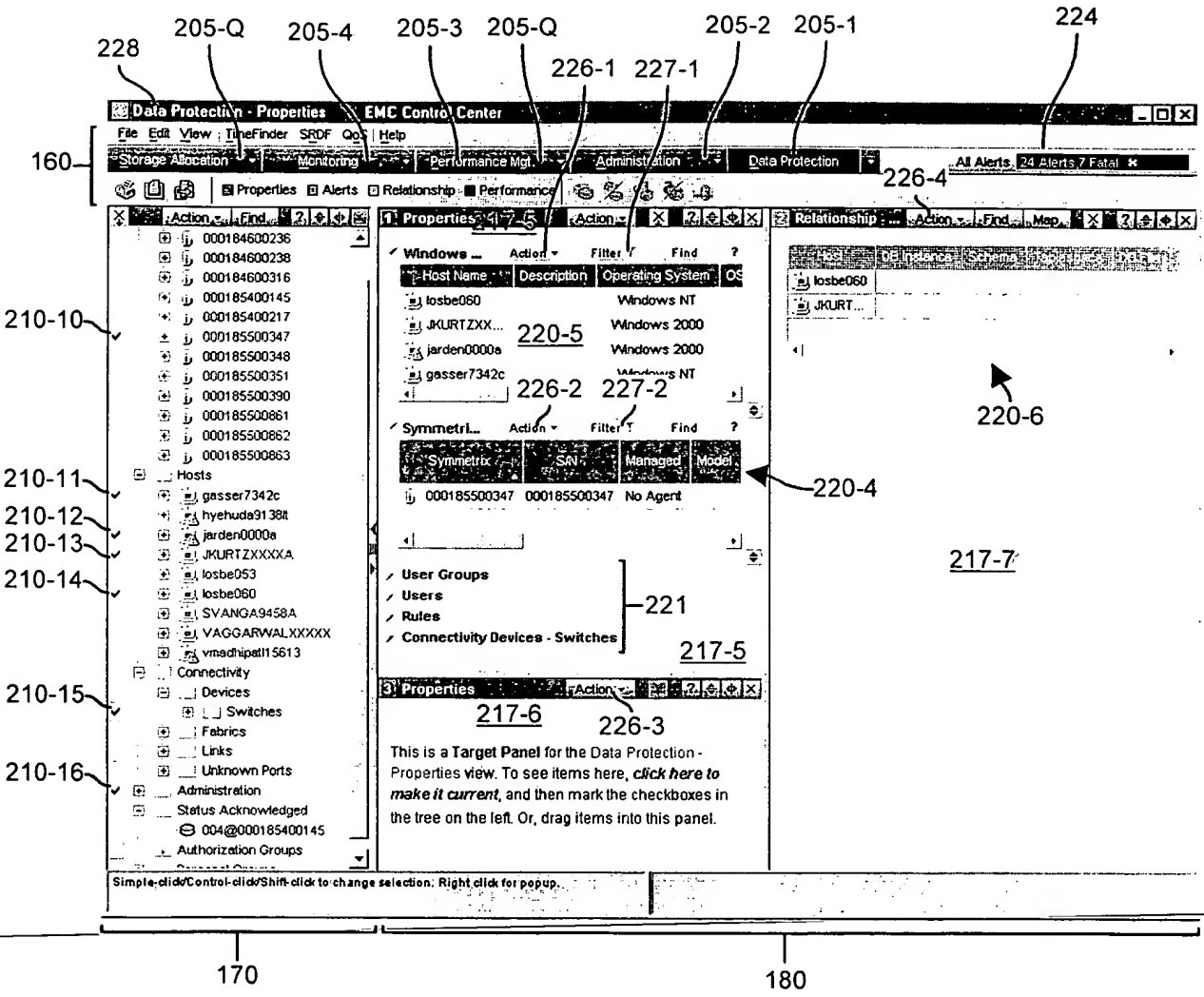
228
205-Q
205-4
205-3
205-Q
226-1
227-1
205-2
205-1
224
Data Protection - Properties
EMC Control Center
File Edit View TimeFinder SRDF QoS Help
160
Storage Allocation
Monitoring
Performance Mgt
Administration
Data Protection
All Alerts 24 Alerts 7 Fatal
Properties Alerts Relationship Performance
226-4
Action Find
Properties
217-5
Relationship
Map
Windows ...
Filter
Host Name
Description
Operating System
losbe060
Windows NT
JKURTZXX...
Windows 2000
jarden0000a
Windows 2000
gasser7342c
220-5
226-2
227-2
Symmetri...
Symmetrix
SAN
Managed
Model
000185500347 000185500347 No Agent
220-4
220-6
217-7
210-10
210-11
210-12
210-13
210-14
210-15
210-16
000184600236
000184600238
000184600316
000185400145
000185400217
000185500347
000185500348
000185500351
000185500390
000185500861
000185500862
000185500863
Hosts
gasser7342c
hyehuda9138t
jarden0000a
JKURTZXXXXA
losbe053
losbe060
SVANGA9458A
VAGGARWALXXXXX
vmadhipatil15613
Connectivity
Devices
Switches
Fabrics
Links
Unknown Ports
Administration
Status Acknowledged
004@000185400145
Authorization Groups
User Groups
Users
Rules
Connectivity Devices - Switches
221
217-5
3) Properties
Action
217-6
226-3
This is a Target Panel for the Data Protection - Properties view. To see items here, click here to make it current, and then mark the checkboxes in the tree on the left. Or, drag items into this panel.
Simple-click/Control-click/Shift-click to change selection. Right click for popup.
170
180

FIG. 12